

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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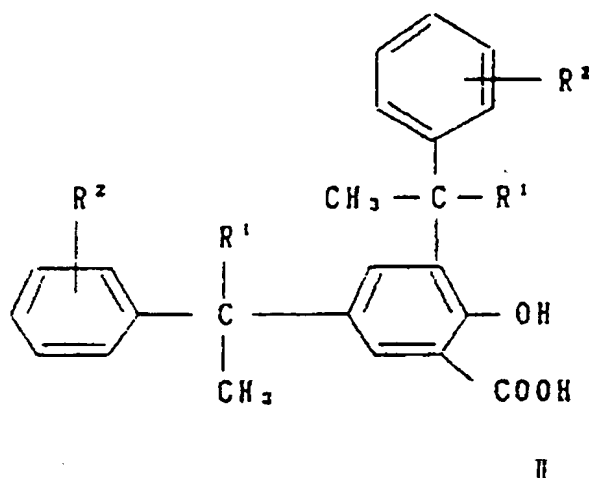
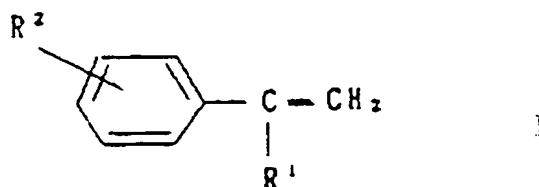
APPLICATION DATE : 29-09-88  
APPLICATION NUMBER : 63244858

APPLICANT : YOSHITOMI PHARMACEUT IND LTD;

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INT.CL. : C07C 65/105 C07C 51/353

TITLE : PREPARATION OF SALICYLIC ACID  
DERIVATIVE



**ABSTRACT :** **PURPOSE:** To provide the subject compound useful as a developer for pressure-sensitive recording materials in high yield and quality by a simple operation comprising one step reaction by reacting salicylic acid with a styrenic compound in the presence of an organic sulfonic acid or inorganic acid as a catalyst in an aliphatic carboxylic acid.

**CONSTITUTION:** Salicylic acid is reacted with a styrenic compound of formula I ( $R^1$  and  $R^2$  are H or methyl) (e.g., styrene or  $\alpha$ -methylstyrene) in the presence of an organic sulfonic acid or inorganic acid (especially preferably an alkane sulfonic acid, phosphoric acid or sulfuric acid) in an aliphatic carboxylic acid (especially preferably formic acid, acetic acid or propionic acid) to provide a salicylic acid derivative of formula II [e.g., 3,5-bis( $\alpha$ -methylbenzyl) salicylic acid]. The method permits to reduce the cost of the objective compound and to obtain a salicylic acid derivative mixture substantially free from by-products.

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